

P804415/WO/1

DaimlerChrysler AG

### Abstract

The invention relates to an exhaust gas purification system for a motor vehicle having a reducing agent storage tank, and to an associated operating method.

The invention proposes an exhaust gas purification system for a motor vehicle, for which predetermined maintenance intervals are provided, having a reducing agent storage tank for storing a reducing agent intended for the exhaust gas purification, as well as a method for operating a motor vehicle having an exhaust gas purification system and a reducing agent storage tank for storing a reducing agent intended for the exhaust gas purification, which comprises predetermined maintenance work after predetermined maintenance intervals.

According to the invention, the filling capacity of the reducing agent tank is selected in such a way that it amounts to at least a level predetermined by an assumed reducing agent consumption during the maintenance interval. With regard to the method, it is provided that a closure device for the reducing agent storage tank is locked such that it cannot be opened over the course of the maintenance intervals and is unlocked and opened during a maintenance operation after the end of the maintenance interval in order for the reducing agent to be topped up.

Use for motor vehicles, in particular with a diesel engine.